### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Soppet et al.

Application Serial No.: 09/236,468

Art Unit: 1647

Filed: January 25, 1999

Examiner: L. Spector

For:

G-Protein Parathyroid Hormone

Receptor HLTDG74

Attorney Docket No.: PF201D1

## ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicants' attorney hereby appoints all Practitioners at Customer Number 22195 as its attorneys or agents with full power of substitution, association, and revocation to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Applicants' attorney also request that the correspondence address remain the same.

Respectfully submitted,

Kenley K. Hoover (Reg. No. 40,302)

Attorney for Applicants

Human Genome Sciences, Inc.

9410 Key West Avenue Rockville, Maryland 20850

Telephone: (301) 610-5771

KKH/DAS/lcc

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Soppet et al.

Application Serial No.: 09/236,468

Art Unit: 1643

Filed: January 25, 1999

Examiner: S. Teng

For:

**G-Protein Parathyroid Hormone** 

Receptor HLTDG74

Attorney Docket No.: PF201D1

# POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST REVOCATION OF PRIOR POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Human Genome Sciences, Inc., organized and existing under the laws of the State of Delaware, having its principal place of business at 9410 Key West Avenue, Rockville, Maryland 20850, is assignee of record of the entire right, title and interest for the above-identified application by virtue of an assignment of parent application Serial No. 08/468,011 filed in the U.S. Patent and Trademark Office on April 15, 1996, at Reel 7920, Frame 0664

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, the assignee of the entire right, title, and interest in the above-captioned application, hereby revokes all powers of attorney heretofore given in the above-captioned application and appoints as its attorney(s) and agent(s) James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Michelle S. Marks (Reg. No. 41,971), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119), with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned also requests that the correspondence address be changed to the following:

James H. Davis, Esq. Human Genome Sciences, Inc. 9410 Key West Avenue Rockville, Maryland 20850 Phone: 301-309-8504 Fax: 301-309-8439

The undersigned, whose title is supplied below, is empowered to sign this document on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application captioned above or of any patent issuing thereon.

On behalf of Human Genome Sciences, Inc.

| For:       | Human Genome Sciences, Inc                |  |  |
|------------|-------------------------------------------|--|--|
| Signature: | James 7+ D_                               |  |  |
| Ву:        | James H. Davis, Ph.D.                     |  |  |
| Title:     | Senior Vice President and General Counsel |  |  |
| Date:      | January 27, 2000                          |  |  |

MSM/mbp

### DECL.\_:ATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

1 believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### G-PROTEIN PARATHYROID HORMONE RECEPTOR HLTDG74

| the specification of which [] is a amended on (if applical |                                  | on June 6, 1995 as Application Serial No. 08/468,011 and was                                                                                                                                                                                              |
|------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I hereby state that I have reviewed referred to above.     | ed and understand the contents   | of the above identified specification, including the claims, as amended by any amendment                                                                                                                                                                  |
| I acknowledge the duty to disclo                           | ose information which is mater   | ial to the patentability of this application in accordance with Title 37. Code of Federal                                                                                                                                                                 |
| Regulations, Section 1.56(a).                              |                                  |                                                                                                                                                                                                                                                           |
|                                                            | low any foreign application for  | tes Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed patent or inventor's certificate having a filing date before that of the application on which                                                             |
| े में<br>हुए में                                           |                                  | Priority Claimed                                                                                                                                                                                                                                          |
| (Brumber)                                                  | (Country)                        | Yes No (Day/Month/Year Filed)                                                                                                                                                                                                                             |
| I hereby claim the benefit under T                         | Title 35, United States Code, Se | ction 120 of any United States application(s) listed below and, insofar as the subject matter                                                                                                                                                             |
| States Code, Section 112, I acknow                         | wledge the duty to disclose mate | r United States application in the manner provided by the first paragraph of Title 35, United erial information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which national or PCT international filing date of this application: |
| (Application Serial No.)                                   | (Filing Date)                    | (Status - patented, pending, abandoned)                                                                                                                                                                                                                   |
|                                                            |                                  |                                                                                                                                                                                                                                                           |
| (Application Serial No.)                                   | (Filing Date)                    | (Status - patented, pending, abandoned)                                                                                                                                                                                                                   |

1 hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elitot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); and Gregory Ferraro (Reg. No. 36,134) of Carella, Bryne, Bain, Gilfillan Cecchi, Stewart & Olstein; Robert H. Benson (Reg. No. 30,446) of Human Genome Sciences, Inc., 9410 Key West Ave, Rockville, Maryland 20850-3338. Address correspondence and telephone calls to Gregory D. Ferraro c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Full name of sole or first inventor: Danie. Soppet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | *,                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Inventor's signature: Daniel Roppet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date: 9/14/55      |
| Residence: 15050 Stillfield Place, Centreville, Virginia 22020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Citizenship: USA   |
| Post Office Address: Same                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
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| Full name of second joint inventor: Yi Li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ,                  |
| Inventor's signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Date: 9/14/55      |
| Residence: 16125 Howard Landing Drive, Gaithersburg, Maryland 20878                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Citizenship: China |
| Post Office Address: Same                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
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| Full name of third joint inventor. Craig A. Rosen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |
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| Inventor's signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _ Date:/_/         |
| Residence: 22400 Rolling Hill Road, Laytonsville, Maryland 20882                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Citizenship: USA   |
| Post Office Address: Same                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
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| re the second se |                    |
| Full name of fourth joint inventor: Steven M. Ruben                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |
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| Inventor's signature: Allena M YLL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Date: 9/14/95      |
| Residence: 18528 Heritage Hills Drive, Olney, Maryland 20832                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Citizenship: USA   |
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Docket No.: 325800-458